

APPROVED	O.G. FIG.
BY	
DRAFTSMAN	CLASS SUBCLASS

9	18	27	36	45	54													
5' NGG ACC TCG CGT CGG GCC AAC AGA CTG CGG GGT TAA TTT AGC CAG ACA CGT GGG																		
63	72	81	90	99	108													
CGG GAA GGG CTG TAG GGT ACT TGT CAA TTC GCC GCC ATG AAC GTG GTT TTT GCT	M	N	V	V	F													
117	126	135	144	153	162													
GTG AAG CAG TAC ATT TCC AAA ATG ATA GAG GAC AGC GGG CCT GGT ATG AAA GTA	V	K	S	K	M	I	E	D	S	G	P	G	M	K	V			
171	180	189	198	207	216													
CTT CTC ATG GAT AAA GAG ACG ACT GGC ATA GTG AGT ATG GTA TAC ACA CAA TCG	L	L	M	D	K	E	T	T	G	I	V	S	M	V	Y	T	Q	S
225	234	243	252	261	270													
GAG ATT CTA CAG AAG GAA GTG TAC CTC TTT GAA CGC ATC GAT TCT CAA AAT CGA	E	I	L	Q	K	E	V	Y	L	F	E	R	I	D	S	Q	N	R
279	288	297	306	315	324													
GAG ATC ATG AAA CAC CTG AAG GCA ATT TGT TTT CTT CGA CCT ACA AAG GAG AAT	E	I	M	K	H	L	K	A	I	C	F	L	R	P	T	K	E	N
333	342	351	360	369	378													
GTG GAT TAT ATT ATT CAG GAG CTC CGA AGA CCC AAA TAC ACT ATA TAT TTC ATT	V	D	Y	I	I	Q	E	L	R	R	P	K	Y	T	I	Y	F	I

FIGURE 1A

APPROVED BY	G.G. FIG.	
DRAFTSMAN	CLASS	SUBCLASS

TAT	TTC	AGT	AAT	GTC	ATC	AGC	AAG	AGT	GAC	GTG	AAG	TCA	TTG	GCT	GAA	GCT	GAT	432			
Y	F	S	N	V	I	S	K	S	D	V	K	S	L	A	E	A	D				
387		396		405		414		423		432		441	450	459	468	477	486				
E	Q	E	V	V	A	E	V	Q	E	F	Y	G	D	Y	I	A	V				
495		504		513		522		531		540		549	558	567	576	585	594				
N	P	H	L	F	S	L	N	I	L	G	C	C	Q	G	R	N	W				
603		612		621		630		639		648		657	666	675	684	693	702				
L	K	C	P	M	I	R	Y	Q	L	S	S	E	A	A	K	R					
711		720		729		738		747		756		CGT	GGG	ACA	GAG	GTC	GAT	CGC	TGT	GAT	GCC
R	R	T	E	V	P	P	L	L	L	D	I	D	C	D	D	A	F	E	F		

FIGURE 1B

PROVED BY	O.G. FIG.
DRAFTSMAN	CLASS SUBCLASS

ATC ACC CCA T ^T TG CTA AAC CAG TGG ACA TAT CAG GCC ATG GTC CAC GAA CTA CTA	765	774	783	792	801	810
I T P L N Q W T Y Q A M V H E L L						
GGC ATA AAC AAC AAT CGG ATT GAT CTT TCC AGA GTG CCG GGA ATC AGT AAA GAC	819	828	837	846	855	864
G I N N R I D L S R V P G I S K D						
T ^T A AGA GAA GTG GTC CTA TCT GCT GAA AAT GAT GAA TTC TAT GCT AAT AAT ATG	873	882	891	900	909	918
L R E V V L S A E N D E F Y A N N M						
TAC CTG AAC T ^T T GCT GAG ATT GGT AGC AAT ATA AAG AAT CTC ATG GAA GAT TTT	927	936	945	954	963	972
Y L N F A E I G S N I K N L M E D F						
CAG AAG AAG AAA CCA AAA GAA CAG CAA AAA CTA GAA TCA ATA GCA GAC ATG AAG	981	990	999	1008	1017	1026
Q K K P K E Q Q K L E S I A D M K						
GCG T ^T T GAG AAT TAT CCA CAG TTC AAG AAA ATG TCT GGG ACT GTT TCA AAG	1035	1044	1053	1062	1071	1080
A F V E N Y P Q F K K M S G T V S K						
CAT GTG ACA GTG GTT GGA GAA CTG TCT CGA TTG GTC AGT GAA CGG AAT CTG CTG	1089	1098	1107	1116	1125	1134
H V T V V G E L S R L V S E R N L L						

FIGURE 1C

APPROVED BY	O.G. FIG.
	CLASS SUBCLASS
DRAFTSMAN	

1143	1152	1161	1170	1179	1188
GAG GTT TCA GAG GTT GAG CAA GAA CTG GCC TGT CAA AAT GAC CAT TCT AGT GCT					
E V S E V E Q	A L A C Q N D	H S S A			
1197	1206	1215	1224	1233	1242
CTC CAG AAT ATA AAA AGG CTT CTG CAG AAC CCC AAA GTG ACA GAG TTT GAT GCT					
L Q N I K R L L Q N P K V T E F D A					
1251	1260	1269	1278	1287	1296
GCC CGC CTG GTG ATG CTT TAT GCT TTA CAT TAT GAG CGA CAC AGC AGC AAT AGC					
A R L V M L Y A L H Y E R H S S N S					
1305	1314	1323	1332	1341	1350
CTG CCA GGA CTA ATG ATG GAC CTC AGG AAT AAA GGT GTT TCT GAG AAG TAT CGA					
L P G L M M D L R N K G V S E K Y R					
1359	1368	1377	1386	1395	1404
AAG CTC GTG TCT GCA GTT GTT GAA TAT GGT GGT AAA CGA GTC AGA GGA AGT GAC					
K L V S A V V E Y G G K R V R G S D					
1413	1422	1431	1440	1449	1458
CTC TTC AGC CCC AAA GAT GCT GTG GCT ATC ACC AAA CAA TTC CTC AAA GGA CTG					
L F S P K D A V A I T K Q F L K G L					
1467	1476	1485	1494	1503	1512
AAG GGA GTA GAA AAT GTA TAT ACA CAG CAT CAA CCT TTC CTA CAT GAA ACC CTG					
K G V E N V Y T Q H Q P F L H E T L					

FIGURE 1D

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSHAH		

1521	1530	1539	1548	1557	1566
GAT CAT CTC ATC AAA GGA AGG CTT AAG GAA AAC CTA TAT CCT TAT TTA GGC CCC	D H L I K G R L K E N L Y P Y L G P				
1575	1584	1593	1602	1611	1620
AGC ACA CTC AGA GAC AGA CCT CAG GAT ATC ATT GTG TTT GTA ATT GGA GGA GCC	S T L R D R P Q D I V F V I G G A				
1629	1638	1647	1656	1665	1674
ACC TAT GAA GAG GCT CTA ACA GTT TAT AAC CTG AAC CGC ACC ACT CCT GGA GTG	T Y E A L T V Y N L N R T T P G V				
1683	1692	1701	1710	1719	1728
AGG ATT GTC CTG GGA GGC ACC ACA GTG CAC AAC ACG AAA AGT TTC CTA GAG GAA	R I V L G G T T V H N T K S F L E E				
1737	1746	1755	1764	1773	1782
GTT CTG GCT TCT GGA CTG CAC AGC CGA AGC AAG GAG AGC TCT CAA GTC ACA TCA	V L A S G L H S R S K E S S Q V T S				
1791	1800	1809	1818	1827	1836
AGG TCA GCG AGC AGA TGA AAC GGT TGG GGG AAG GGC ACA GCT TCC TCT	R S A S R R				
1845	1854	1863	1872	1881	1890
CTT GTC CCC ACT ACA GGT TTT CCC TAC TAA ACA AAG GTG TTG GAG AGC AGC TTT					

FIGURE 1E

1899	1908	1917	1926	1935	1944
GGG TTC TGT GCT GGT TAG AAC TCA TCT CCA GGT AGC CCA CGG ATA CGT GGT					
TGG CAC AGA CAC AAG ACT CCC AGA GTC GTT GTC CTA ACA ATA AGT CTG AGC CCA TCT	1953	1962	1971	1980	1989
CAA CCC ACT TTT CTC CGG TAG TCT TTA TGT ATC TGT TAG CAC AAT CAC TTC AGT	2007	2016	2025	2034	2043
TAC TGA TGA ATT TTG TTG GGA TCT GAC GGG AAA GGG TTA TCA GAG CCT AGA	2061	2070	2079	2088	2097
GGG GCT TAA AAA GTA ATC ATT TGA TGT ACA TAC CAC ACT CCT TGG CTT CCT AGC	2115	2124	2133	2142	2151
TCT TCC CCT AAC CCT TTC TGC TTT TCA TTA ACC ACA TTC CTG CAC AAC TCA TTT	2169	2178	2187	2196	2205
CTG AAA ACC TAC CAT GTT TCT TTA CAG AGC CAT CCA AAA ATT TTT TGT CCC TAC	2223	2232	2241	2250	2259
					2268

FIGURE 1F

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

2277 2286 2295 2304 2313 2322
ATA GCA ATT TTC TGT GGC ACT GAG AAA CCA TGT ATG ACC ACA ATA AAA ATC ATC CAT

2331 2340
TAA GTG AAA GGA AAA AAA AAA 3'

FIGURE 1G

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

1 MNVVFAVKQYISKMIEDSGPGMKVLLMDKETTGIVSMVYT 75871
 1 MNVVFAVKQYISKMIEDSGPGMKVLLMDKETTGIVSMVYT GI 1703494

41 QSEILQKEVYLFERIDSONREIMKHLKAICFLRPDKENVD 75871
 41 QSEILQKEVYLFERIDSONREIMKHLKAICFLRPDKENVE GI 1703494

81 YLIQELRRPKYTIFYFISNVISKS D V K S L A E A D E Q E V V A 75871
 81 YLIQELRRPKYSIYFISNVISKS D V K S L A E A D E Q E V V A GI 1703494

121 EVQEIFYGYIAVNPHLFSLN I L G C C Q G R N W D P A Q L S R T T Q 75871
 121 EVQEIFYGYIAVNPHLFSLN I L G C C Q G R N W D P A Q L S R T T Q GI 1703494

161 GLTALLSLKKCPMIRYQLSSSEA KRLAECVKQVITKEYE 75871
 161 GLTALLSLKKCPMIRYQLSSSEA KRLGECKQVVISKEYE GI 1703494

201 LFEEFRTEVPPPLLILDRCDDAITPLL N Q W T Y Q A M V H E L L 75871
 201 LFEEFRTEVPPPLLILDRCDDAITPLL N Q W T Y Q A M V H E L L GI 1703494

241 GINNNRIDLSRVPGTISKDLREVVLSAENDEFYANNM Y L N F 75871
 241 GINNNRIDLSRVPGTISKDLREVVLSAENDEFYANNM Y L N F GI 1703494

FIGURE 2A

APPROVED	O.G. FIG.
BY	
DRAFTSMAN	CLASS SUBCLASS

281 AEIGSNIKNLMEDFQKKPKEQQKLESIAADMKAFFVENYPQ 75871
 281 AEIGSNIKNLMEDFQKKRPKEQQQKLESIAADMKAFFVENYPQ GI 1703494

321 FKKMSGTVSKHVTUVGELSRLVSEERNLLEVSEVEQELACQ 75871
 321 FKKMSGTVSKHVTUVGELSRLVSEERNLLEVSEVEQELACQ GI 1703494

361 NDHSSSALQNLKRLLQNPKVTEFDAARLVMLYALHYERHSS 75871
 361 NDHSSSALQNVKRLLQNPKVTEFDAVRLLVMLYALHYERHSS GI 1703494

401 NSLPGLMMDLRNKGVSSEKYRKLVSAVVYGGKRVRGSDLF 75871
 401 NSLPGLIVDLRSKGVAEKYRKLVSAVVYGGKRVRGSDLF GI 1703494

441 SPKDAVATKQFLKGGLKGVENVYTQHQQPFLHETLDHLIKG 75871
 441 SPKDAVATKQFLKGGLKGVENVYTQHQPFLLHETLDHLIKG GI 1703494

481 RLKENLYPYLGPSTLRDRPQDIIIVFVIIGGATYEAEALTVYN 75871
 481 RLKENLYPYLGPSTLRDRPQDIIIVFIIGGATYEAEALTVYN GI 1703494

521 LNRTTPGVRIVLGGTTVHNTKSFILEEVLASGLHSRSKES 75871
 521 LNRTTPGVRIVLGGTTIHNTKSFILEEVLASGLHSRSRESS GI 1703494

561 QVTSRSASRR 75871
 561 QATSRSANRR GI 1703494

FIGURE 2B

APPROVED	O.G. FIG.
BY	
DRAFTSMAN	CLASS SUBCLASS

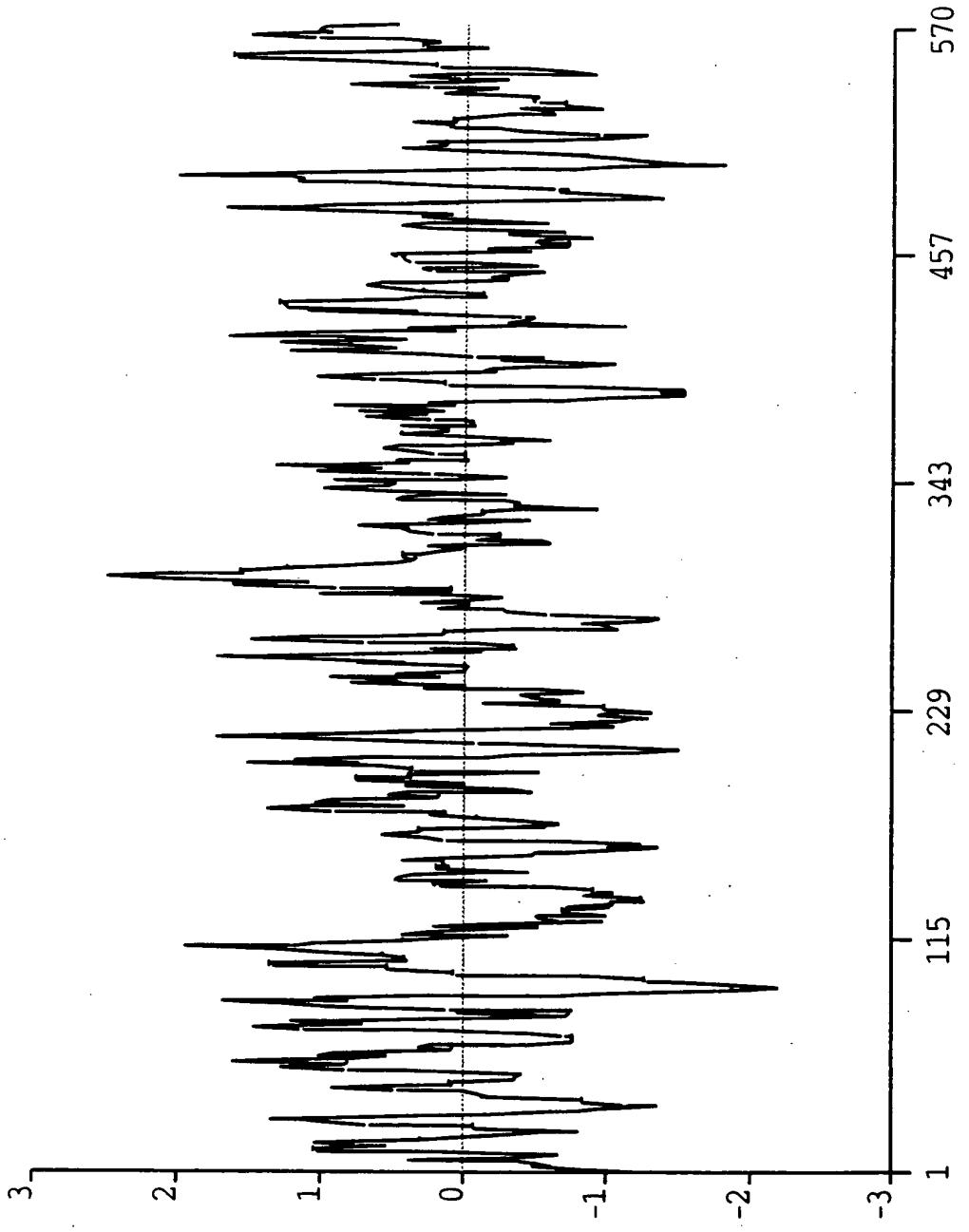


FIGURE 3A

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
RAFTSMAN		

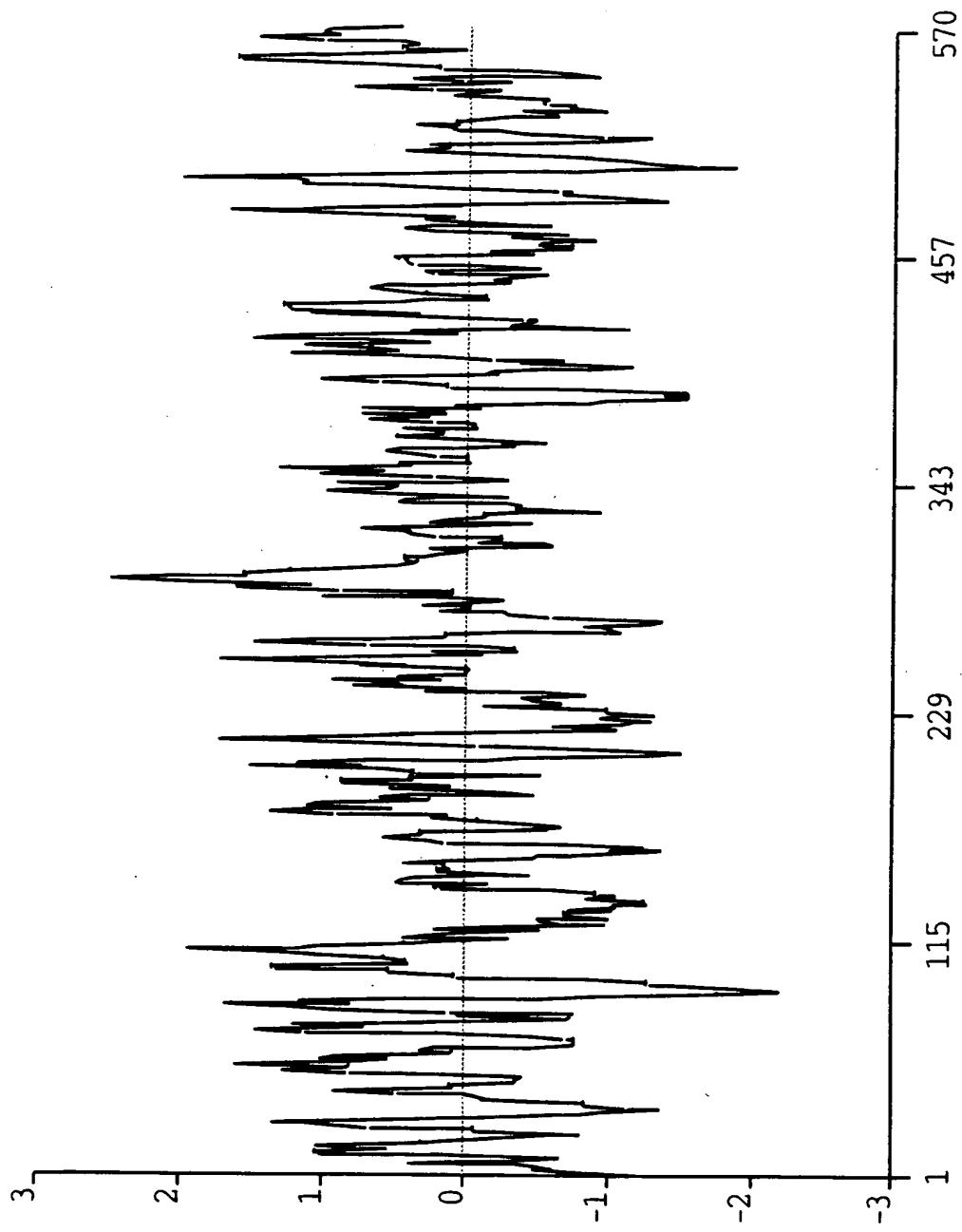


FIGURE 3B

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

5'	NGA	GCG	GGG	CAG	GGG	CAC	GTG	TAG	CCT	CTG	TGC	CTC	GTC	CCC	TGG	CGC	TAC
	9	18	27	81	36	45	54										
CCG	GAC	ATC	TCT	CAG	GGT	GCC	GGC	ACC	ATG	AAG	ATC	TGG	ACT	TCG	GAG	CAC	GTC
M	K	I	W	T	S	E	H	V									
117	126	135	144	153	162												
TTT	GAC	CAC	CCG	TGG	GAA	ACT	GTT	ACA	ACA	GCT	GCA	ATG	CAG	AAA	TAC	CCA	AAC
F	D	H	P	W	E	T	V	T	A	A	M	Q	K	Y	P	N	
171	180	189	198	207	216												
CCT	ATG	AAC	CCA	AGT	GTG	GTT	GGA	GTT	GAT	GTG	TTG	GAC	AGA	CAT	ATA	GAT	CCC
P	M	N	P	S	V	V	G	V	D	V	L	D	R	H	I	D	P
225	234	243	252	261	270												
TCT	GGA	AAG	TTG	CAC	AGC	CAC	AGA	CTT	CTC	AGC	ACA	GAG	TGG	GGA	CTG	CCT	TCC
S	G	K	L	H	S	H	R	L	L	S	T	E	W	G	L	P	S
279	288	297	306	315	324												
ATT	GTG	AAG	TCT	CTT	ATT	GGT	GCA	GCA	AGA	ACG	AAA	ACA	TAT	GTG	CAA	GAA	CAT
I	V	K	S	L	I	G	A	A	R	T	K	T	Y	V	Q	E	H
333	342	351	360	369	378												
TCT	GTA	GTT	GAT	CCT	GTA	GAG	AAA	ACA	ATG	GAA	CTT	AAA	TCT	ACT	ATT	TCA	
S	V	V	D	P	V	E	K	T	M	E	L	K	S	T	N	I	S

FIGURE 4A

APPROVED BY	O.G. FIG.
DRAFTSMAN	CLASS SUBCLASS

387	TTT	ACA	AAC	ATG	GTT	TCA	GTA	GAT	GAG	AGA	CCT	ATA	TAC	AAA	CCA	CAT	CCT	CAG	432
F	T	N	M	V	S	V	D	E	R	L	I	Y	K	P	H	P	Q		
441	GAT	CCA	GAA	AAA	ACT	GTT	TTG	ACA	CAA	GAA	GCC	ATA	ATT	ACC	GTG	AAA	GGA	GTT	486
D	P	E	K	T	V	L	T	Q	E	A	I	I	T	V	K	G	V		
495	AGC	CTC	AGC	AGT	TAC	CTT	GAA	GGA	CTG	ATG	GCA	AGT	ACG	ATA	TCC	TCA	AAT	GCT	540
S	L	S	S	Y	L	E	G	L	M	A	S	T	I	S	S	N	N	A	
549	AGT	AAA	GGC	CGA	GAA	GCA	ATG	GAA	TGG	GTA	ATA	CAT	AAA	TTA	AAT	GCT	GAG	ATT	594
S	K	G	R	E	A	M	E	W	V	I	H	K	L	N	A	E	I		
603	GAA	GAA	CTG	ACA	GCC	TCA	GCA	AGA	GGA	ACC	ATA	AGG	ACT	CCA	ATG	GCA	GCA	GCA	648
E	E	L	T	A	S	A	R	G	T	I	R	T	P	M	A	A	A		
657	GCG	TTT	GCA	GAG	AAG	TGA	TCG	TGA	CAG	TTG	GTA	GAC	AAC	ATC	GGG	TAC	TCC	AGG	702
A	F	A	E	K															
711	TCT	CTC	CAA	ACT	GAC	TAT	ATA	TTT	ATT	TGT	TAT	TTT	AAA	AAT	ACA	ACT	ATA	TTT	756

FIGURE 4B

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

765 774 783 792 801 810
TGG GTA GTT TTT TTT TTT TTT GAT AAG TTG GTG TAA GGC TAT GTG ACT

819 828 837
GAT CAA AAC AGA TGC AGG GCC TCT AAA 3'

FIGURE 4C

APPROVED	O.G. FIG.
BY	CLASS SUBCLASS
DRAFTSMAN	

1 MKIWTSEHVFDHPWETVTAAMQKYPNPMNPSVVGVDVL D 2056691
 1 MGKYCASALGVLKGPWDQVFAAF W Q R Y P N P Y S K H V L T E D I V GI 969170
 41 RHIDPSSGKLHSHRLLSTEWGLPSI V K S L I G A A R T K T Y V Q E 2056691
 41 HREVTADH K L L SRRLLTK T N R M P R W A E R F F P A N V A H N V Y I GI 969170
 81 HSVVDPVEKTMELK S T N I S F T N M V S V D E R L I Y K P H P Q D P E 2056691
 81 VEDSIVDPKN R T M T F T W N I N H A R L M A V E E R C V Y R V N P E N GI 969170
 121 KT VLTQEAIITVKGVSLSSYLEGGLMASTISSNASKREAM 2056691
 121 SSWTEVKREAWVSSSLFGVSRAVQEFFGLARFKSNVTKSTK GI 969170
 161 EWVIIHKLNAEIEEELTASARGTIRTPMAAAAAEK 2056691
 161 GF E Y V L A R M Q G E A P S K T L V E T A K E A T E K A K E T A L A A T E K A GI 969170
 194 2056691
 201 KDLASKAATKKQFV GI 969170

FIGURE 5

APPROVED	O.G. FIG.
BY	CLASS SUBCLASS
DRAFTSMAN	

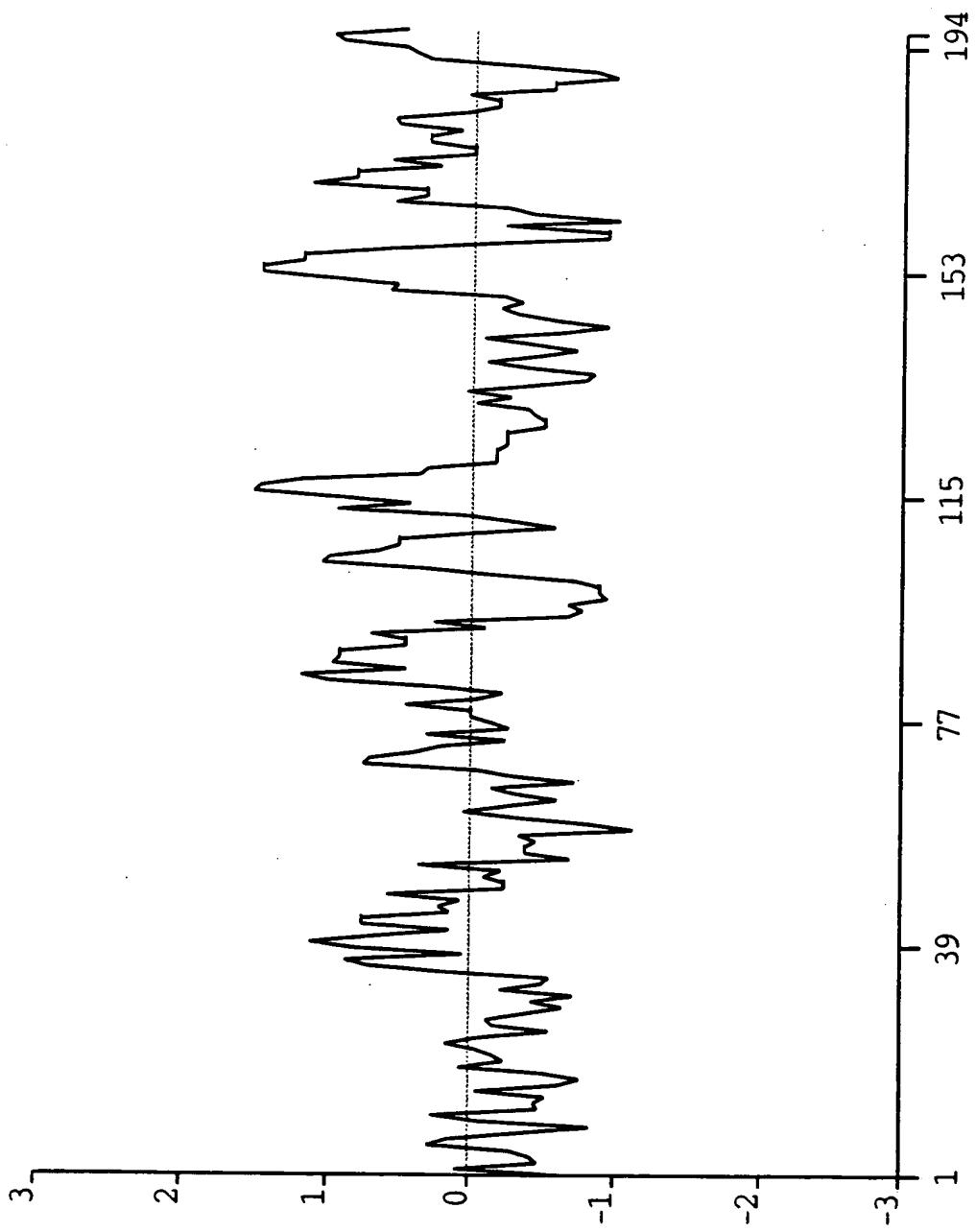


FIGURE 6A

APPROVED BY	O.G. FIG.	
DRAFTSMAN	CLASS	SUBCLASS

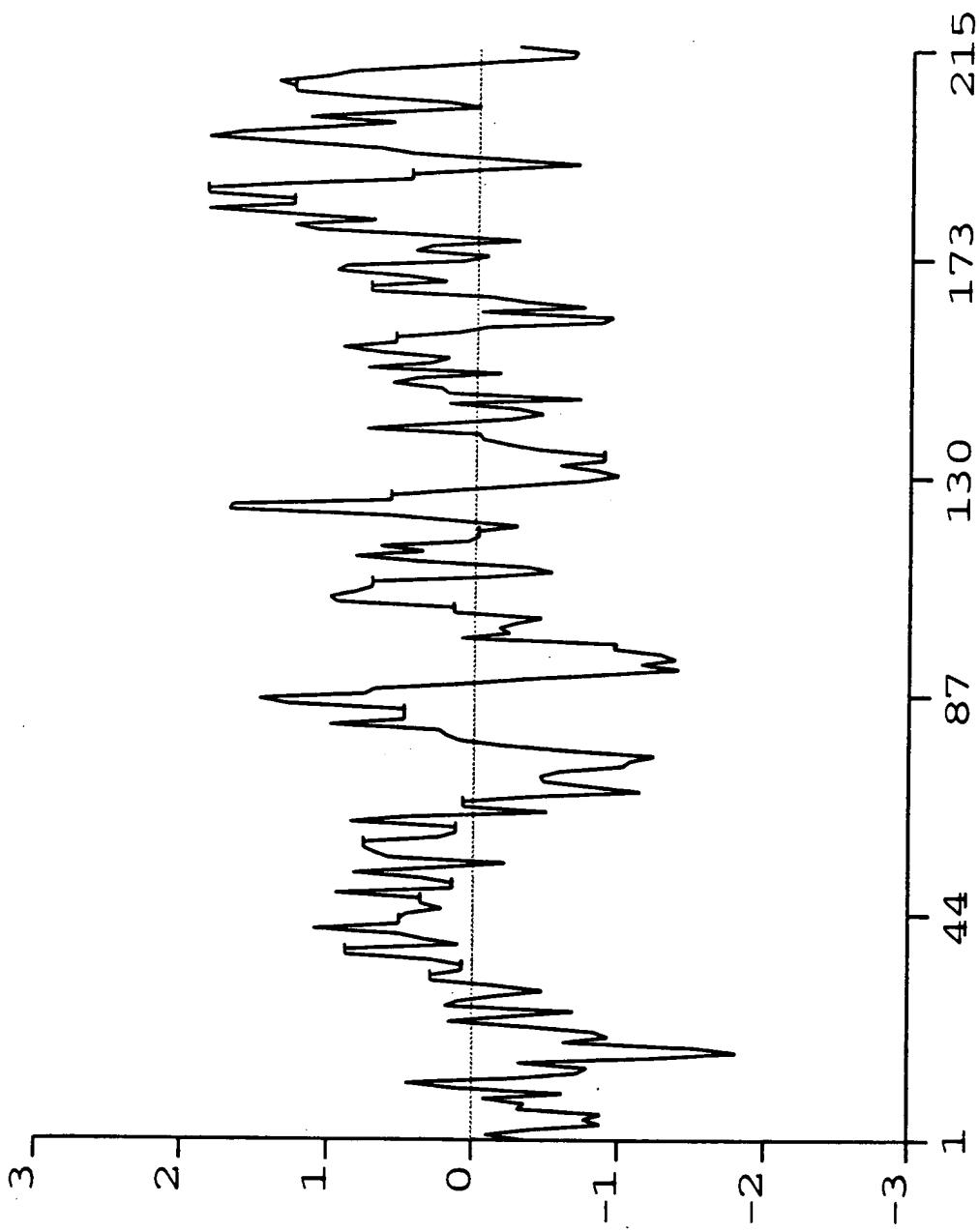


FIGURE 6B

APPROVED	O.G. FIG.
BY	CLASS SUBCLASS
DRAFTSMAN	

5' NGG CCA ATC AGC GGC GGC GTT TCT TTT GCG GCT CCA CGT CGG CAC CAG CTG CGG

9	18	27	36	45	54		
GGC AAG ATG GAG GCG CTG ATT TTG GAA CCT TCC CTT GTC TAT ACT GTC AAA GCC ATC	M E A L I L E P S	L Y T V K A I	99	108			
63	72	81	90				
GTC ATT CTG GAC AAT GAT GGA GAT CGA CTT TTT GCC AAG TAC TAT GAC GAC ACC	L I D N D G D R	L F A K Y Y D D T	153	162			
117	126	135	144				
TAC CCC AGT GTC AAG GAG CAA AAG GCC TTT GAG AAG AAC ATT TTC AAC AAG ACC	Y P S V K E Q K A F E K N I F N K T	189	198	207	216		
171	180						
CAT CGG ACT GAC AGT GAA ATT GCC CTC TTG GAA GGC CTG ACA GTG GTA TAC AAA	H R T D S E I A L L E G L T V V Y K	234	243	252	261	270	
225							
AGC AGT ATA GAT CTC TAT TTC TAT GTG ATT GGC AGC TCC TAT GAA AAT GAG CTG	S S I D L Y F Y V I G S S Y E N E L	279	288	297	306	315	324
333	342	351	360	369	378		
ATG CTT ATG GCT GTT CTG AAC TGT CTC TTC GAC TCA TTG AGC CAG ATG CTG AGG	M L M A V L N C L F D S L S Q M L R						

FIGURE 7A

PROVED BY	O.G. FIG.
FTSMAN	CLASS SUBCLASS

	387	396	405	414	423	432												
A	AAT	GTA	GAA	AAG	CGA	GCA	CTG	CTG	GAG	AAC	ATG	GAG	GGG	CTG	TTC	TTC	GCT	
K	N	V	E	K	R	A	L	L	E	N	M	E	G	L	F	L	A	
	441	450	459	468	477	486												
G	TG	GAT	GAA	ATT	GTA	GAT	GGA	GGG	GTG	ATC	CTA	GAG	AGT	GAT	CCC	CAG	CAG	GTC
V	D	E	I	V	D	G	G	V	I	L	E	S	D	P	Q	Q	V	
	495	504	513	522	531	540												
G	TGA	CAC	CGG	GTC	GCA	TTA	AGG	GGT	GAA	GAT	GTC	CCC	CTT	ACG	GAG	CAG	ACC	GTC
V	H	R	V	A	L	R	G	E	D	V	P	L	T	E	Q	T	V	
	549	558	567	576	585	594												
T	CAG	GTG	CTG	CAG	TCA	GCC	AAA	GAA	CAG	ATC	AAG	TGG	TCA	CTC	CTT	CGG	TGA	
S	Q	V	L	Q	S	A	K	E	Q	I	K	W	S	L	L	R		
	603	612	621	630	639	648												
A	AGA	CCT	CAC	TGT	TCC	TGG	CTC	TTC	ATC	CTC	TTC	AAA	AAA	TTT	GCA	TGT	CTG	CTG
	657	666	675	684	693	702												
T	TGA	ATT	TTC	ATC	TAG	TTC	CCC	AAT	CGA	TGC	TCT	CAG	GGT	CAT	CTC	GGG	GAT	CAC
	711	720	729	738	747	756												
G	AGG	GAT	CCT	TAA	ATC	TCC	ATT	CTG	TTT	GTG	GTT	GCC	CCC	TCA	ACC	TCC	CCT	ACA

FIGURE 7B

APPROVED BY	D.G. FIG.
DRAFTSMAN	CLASS SUBCLASS

CCC	TTC	CTA	TTC	TTT	TTC	ATT	CTT	CTT	GCA	GTA	CTG	GGA	GTA	AAG	CTC	CCA	GCA	810
765	774	773	783	792	792	801	801	801	801	801	801	801	801	801	801	801	801	
TAT	TTA	GAT	AAT	AGG	GCA	GGG	GAA	GCA	CCC	TCT	TTC	TTT	CTA	GAC	TGG	ATT	ATG	864
819	828	837	837	846	846	855	855	855	855	855	855	855	855	855	855	855	855	
CTC	ACA	TGC	TCC	CTT	GCC	CTG	ACA	TTT	TTG	TAA	ATT	CTG	TGC	CCT	TTG	CTG	TAG	
873	882	891	891	900	900	909	909	909	909	909	909	909	909	909	909	909	909	918
927	936	945	945	954	954	963	963	963	963	963	963	963	963	963	963	963	963	972
CTA	CAC	TTC	AGA	TTA	AAG	TAG	GAG	AAA	GAA	TGT	GCT	GAG	TGT	TGT	TTT	CCT	CCC	TTT
981	990	999	999	1008	1008	1017	1017	1017	1017	1017	1017	1017	1017	1017	1017	1017	1017	1026
1035	1044	1053	1053	1062	1062	1071	1071	1071	1071	1071	1071	1071	1071	1071	1071	1071	1071	1080
TCT	TTT	CTA	TAG	AAC	GAG	TGG	GGG	CGG	GGA	TGG	GTA	GGG	ATT	TAT	CCA	ATC	TAA	
1089	1098	1107	1107	1116	1116	1125	1125	1125	1125	1125	1125	1125	1125	1125	1125	1125	1125	1134
GCC	CTA	ACC	CCA	CTT	AGT	GAC	CTC	AGT	GTT	TTC	TTC	CAT	TCC	TTC	TTA	CTG	CCC	

FIGURE 7C

APPROVED BY	O.G. FIG.
DRAFTSMAN	CLASS SUBCLASS

1143	1152	1161	1170	1179	1188					
TGT CCT CTG CCT TGG AAG AGG CTT TGG GAA TAG TTC ATA GGG AAG GGA CAA CAT										
1197	1206	1215	1224	1233	1242					
GGG AGA AAC AGC GAT TTA AAT TGT ATT GAA CAG GGC ATA TAA AAT GCA TTC TGT										
1251	1260	1269	1278	1287	1296					
ACC CTG ATC TGG CAT ATA GCT TCA AAA CTG CAG TGG CGA GTG TCC ATC TCT TAG										
1305	1314	1323	1332	1341	1350					
TTA GCT ACC TTA ACT GTC CAC CCT TAC TAC CTG TGG GAT CGT TGC CTG GTT TGT										
1359	1368	1377	1386	1395	1404					
CTT CTC TGT GTC CTG GAG CAA AGC CAG TTC CTA AAA CTA AAA CTC CAT TCT AGT	L	C	V	F	L	K	L	H	S	S
1413	1422	1431	1440	1449	1458					
CTT GGG AAG AAA AGT TTC TAC TCA GAA CTG GGG AAG GAG TGG AAC TTA TGA CTT										
1467	1476	1485	1494	1503	1512					
GGG CCT CTA GGC TGT CTC TGT CCC CTC AGC TCC CCG ACA TGC ATT TAC TCT CTG										

FIGURE 7D

APPROVED	O.G. FIG.
BY	
DRAFTSMAN	CLASS SUBCLASS

1521	1530	1539	1548	1557	1566
CCG TGG GTC TGC AGT CGC TGC AAC CTA CCC TCT CTC TGC CTC AGC CTC AGC CTT ACA CCC					
1575	1584	1593	1602	1611	1620
AAG CAG TAG GTC TGT GCT CTC CCT GTC TCT AGG TCG CTG AGA GAG GTG CTT TGC					
1629	1638	1647	1656	1665	1674
TTC ATA AAA CCT TTG GGG TTT GGA TTT CCC CAG GAA GAT GGA GAA TGG AAT ACT					
1683	1692	1701	1710	1719	1728
CAC TCT TGG GTC TAA TCT TTC CCC TTG ACC CAG AAC TTC CTC CCA CTT ACT AAC TGC CAG					
1737	1746	1755	1764	1773	1782
CCT TTA AAA ACC TTC CTG AGA CTT AAG CAT TCT GCC CCA CTT ACT AAC TGC CAG					
1791	1800	1809	1818	1827	1836
TTC TCC AGC ACT GAG GTG GGG CAG ATA ACT GGG CAT ATT TAA GGG GGC ATC TTT					
1845	1854	1863	1872	1881	1890
GTG TAA AAG ATG CAT GGA GTC AGG AGA AAA CCA CCT TCA TAA ACT GCT CTG TGC					

FIGURE 7E

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

1899 1908 1917 1926
AAA GAG GAA TAA AAC ATT TCC TTT AAA AAA AAA AAA AAA A 3

FIGURE 7F

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

1 MEALILEEPSLYTVKAILILDNDGDRLFYDDTYPPSVKE 3086794
 1 MEALILQPSLYTVKAILILDNDGDRLFYDDTYPPSVKE GI 441486

41 QKAFFEKNIFNKTHTRTDSEIALLLEGLTVVYKSSSIDLYFYVI 3086794
 41 QKAFFEKNIFNKTHTRTDSEIALLLEGLTVVYKSSSIDLYFYVI GI 441486

81 GSSYENELMLMAVLNCNFLFDSLSQMLRKNVEKRALLENMEG 3086794
 81 GSSYENELMLMTVLNCLFDSSLQMLRKNVEKRALLENMEG GI 441486

121 LFFLAVDEIVDGCGVILESDDPQQVVRVALRGEDVPLTEQTV 3086794
 121 LFFLAVDEIVDGCGVILESDDPQQVVRVALRGEDVPLTEQTV GI 441486

161 SQVQLQSAKEQIKWSSLR 3086794
 161 SQVQLQSAKEQIKWSSLR GI 441486

FIGURE 8

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

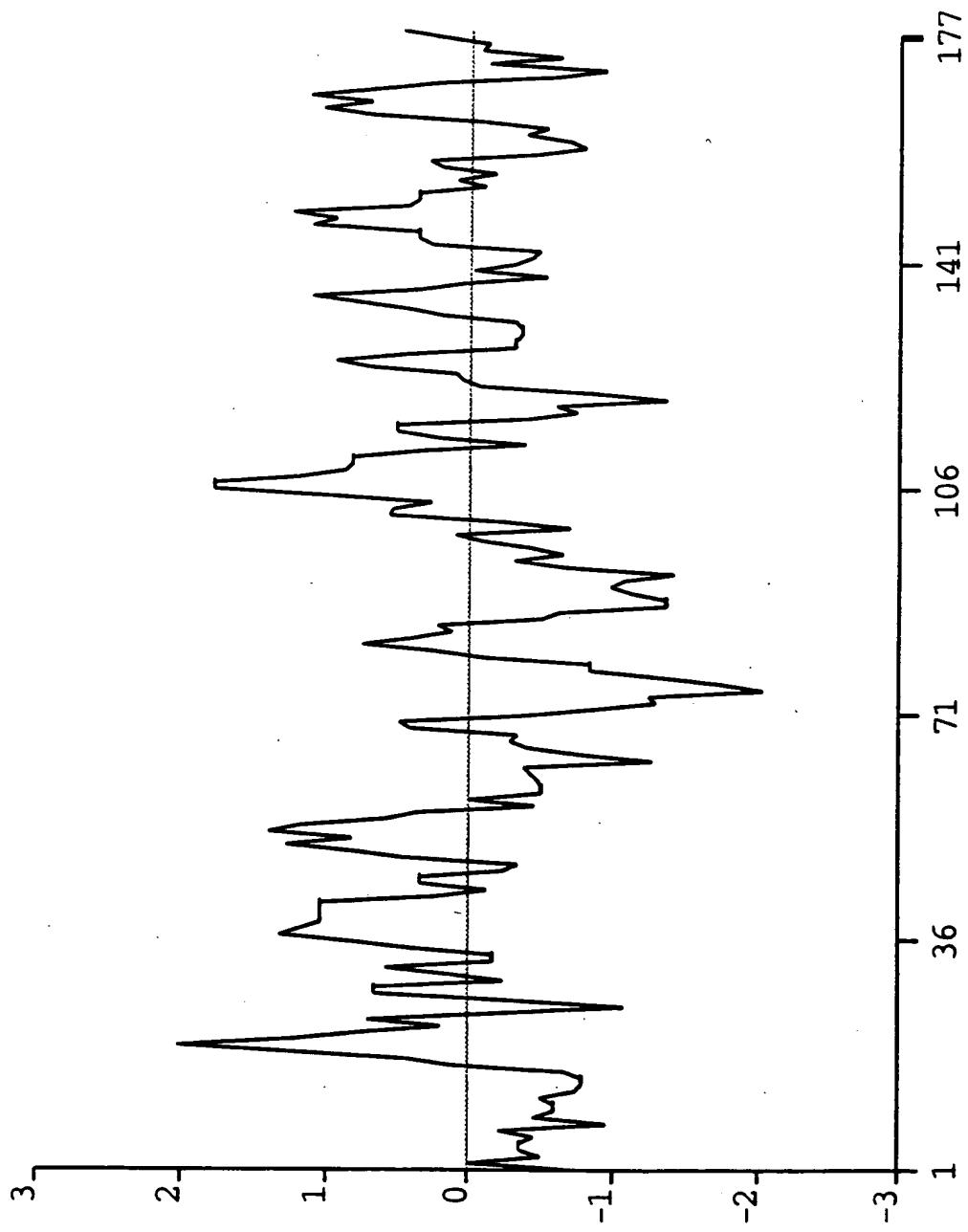


FIGURE 9A

APPROVED	O.G. FIG.
BY	CLASS SUBCLASS
DRAFTSMAN	

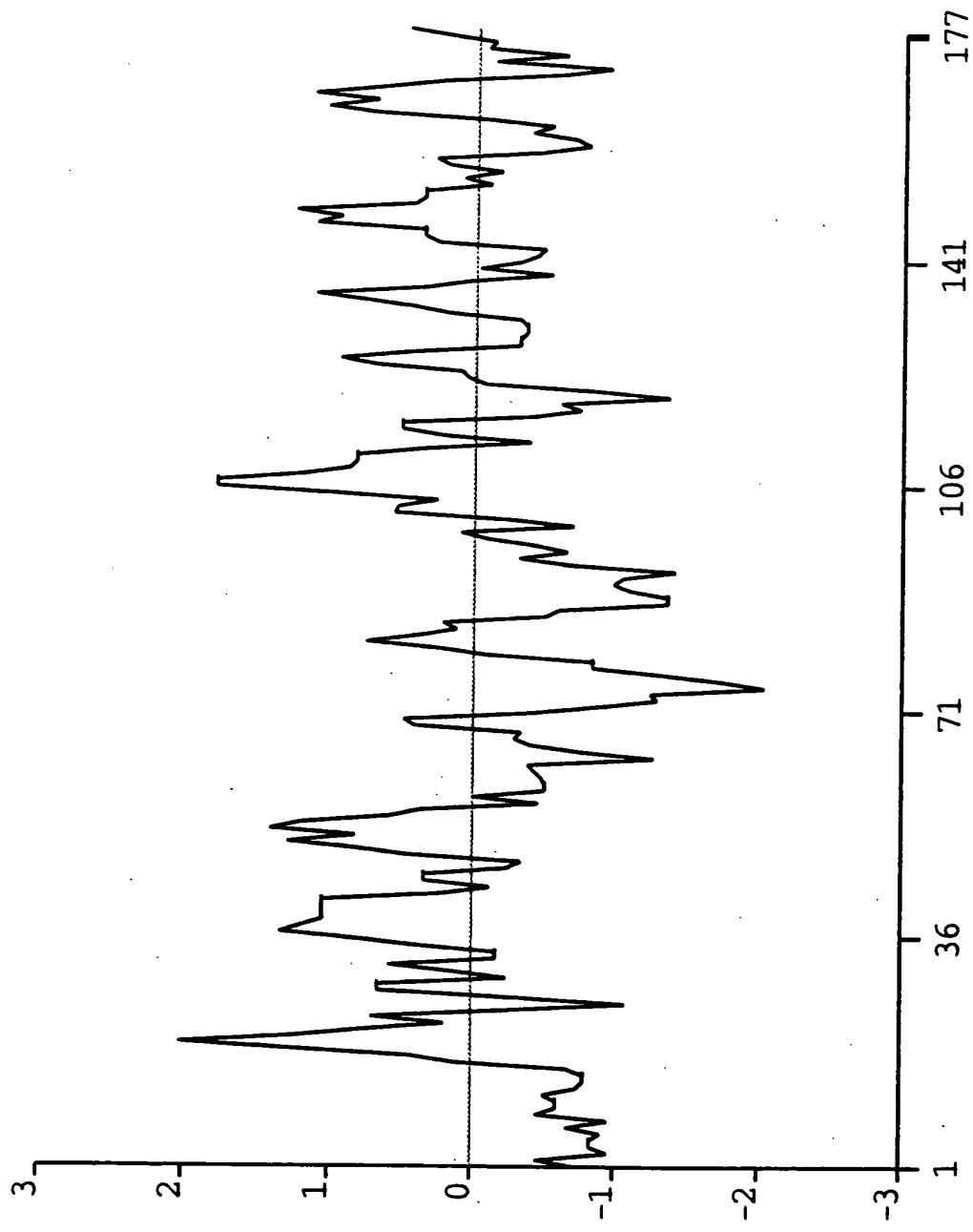


FIGURE 9B